

DeSOTO, INC.  
MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS  
(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

NPCA 1-72

SECTION I

DeSOTO, INC.  
Administrative and Research Center

1700 South Mt. Prospect Road  
Des Plaines, Illinois 60018

Emergency Telephone 312-391-9000

Product Class EPOXY

Manufacturers Code Identification

515 X 347

PPM 2232-5

Trade Name SUPER KOROPON ELECTRO  
FR PRIMER

Date of Prep 1/20/82

Supersedes 6/19/81 MSDS

\*\*\*\*\* SECTION II-HAZARDOUS INGREDIENTS \*\*\*\*\*

INGREDIENT	PERCENT BY WEIGHT	PPM	TLV MG/M <sup>3</sup>	LEL	VAPOR PRESSURE @20° C.
Silica - Crystalline	30	-	0.3*	NA	NA
Calcium Chromate Pigment	5	-	-	-	-
Cr - Chromium	-	-	0.05	NA	NA
Toluene-Skin	< 5	100	375	1.2	35
Cyclohexanone	5	25	100	1.1	3.4
Butyl Acetate	30	150	710	1.7	8.0

\* Total

NA = Not Applicable

\*\*\*\*\* SECTION III-PHYSICAL DATA \*\*\*\*\*

PROPERTY	MEASUREMENT
Boiling Range	232-313° F. 111-157° C. @760 MM Hg
Vapor Density	X Heavier Lighter Than Air
Weight Per Gallon	11.0 Lbs.
Percent Volatile By Volume	58.3
Evaporation Rate	Faster X Slower Than Ether

**CONFIDENTIAL INFORMATION**

THIS INFORMATION IS CONFIDENTIAL AND  
IS THE PROPERTY OF DeSOTO, INC. IT IS  
DISCLOSED ONLY FOR THE PURPOSES  
REQUIRED BY LAW. NO OTHER USE OR  
DISCLOSURE IS AUTHORIZED.

\*\*\*\*\* SECTION IV-FIRE AND EXPLOSION DATA \*\*\*\*\*

DOT Category      Flammable Liquid  
OSHA Category    Flammable Liquid    Class I B

Flash Point (Closed Cup)      45° F.  
   7.2° C.

Lower Explosive Limit      See II

EXTINGUISHING MEDIA: Use National Fire Protection Association Class B  
extinguishers (Carbon dioxide, dry chemical or foam)

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. Isolate  
from heat, electrical equipment, sparks and open flame. Closed containers may  
explode when exposed to extreme heat. Do not apply to hot surfaces.

SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water may  
be used to cool closed containers to prevent pressure build-up and possible  
auto ignition or explosion when exposed to extreme heat. If water is used, fog  
nozzles are preferable.

\*\*\*\*\* SECTION V-HEALTH HAZARD DATA \*\*\*\*\*

THRESHOLD LIMIT VALUE: See II (Not Established for Product)

EFFECTS OF OVEREXPOSURE: Inhalation: Anesthetic. Irritation of the  
respiratory tract or acute nervous system depression characterized by headache,  
dizziness, staggering gait, confusion, unconsciousness or coma. Others as  
noted in Sec. IX.

SKIN OR EYE CONTACT: Primary Irritation.

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove from exposure.  
Restore breathing. Keep warm and quiet. Notify a physician. Skin Contact:  
Wash affected areas with water. Remove contaminated clothing. Consult a  
physician. Eye Contact: Flush with water for 15 minutes. Consult a  
physician.

\*\*\*\*\* SECTION VI-REACTIVITY DATA \*\*\*\*\*

STABILITY:                      Unstable                      X Stable

INCOMPATIBILITY (Materials to Avoid):

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are hazardous

Hazardous Polymerization      May occur      X Will not occur

Conditions to Avoid:

\*\*\*\*\* SECTION VII-SPILL OR LEAK PROCEDURES \*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state and federal regulations. Incinerate in approved facility. Do not incinerate closed containers.

\*\*\*\*\* SECTION VIII-SPECIAL PROTECTION INFORMATION \*\*\*\*\*

RESPIRATORY PROTECTION: In outdoor or open areas use NIOSH approved mechanical filter respirator.

In restricted ventilation areas use NIOSH approved chemical-mechanical filters.

In confined areas use NIOSH approved air line type respirators or hoods.

VENTILATION: Where employees may be exposed, provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients in Section II below recommended (ACGIH) or regulated (OSHA) limit. Where employees will not be exposed, keep LEL in Section II below 25% of limit.

PROTECTIVE GLOVES:                      Recommended                      X Required

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Prevent prolonged skin contact with contaminated clothing.

\*\*\*\*\* SECTION IX-SPECIAL PRECAUTIONS \*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120° F. Store large quantities in buildings designed and protected for storage of flammable liquids.

OTHER PRECAUTIONS: Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of a few inches.

Do not sand, flame cut, braze or weld the dry coating without NIOSH approved respirator or appropriate ventilation.

Observe all precautionary label warnings.

Prepared By:  
R. A. Prokop

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Product Class AMINE

Manufacturers Code Identification

910 X 527, DPM 2232-5

Trade Name SUPER KOROPON ELECTRO  
CURING SOLUTION

Date of Prep  
6/19/81

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Toluene-Skin	45	100	375	1.2	35
Isopropanol-Skin	30	400	980	2.0	32
Aromatic Amine	10	5*	-	NA	< 0.01
Aliphatic Amine	15	NE	NE	NE	< 1

\* Recommended

NA = Not Applicable

\*\*\*\*\* SECTION III-PHYSICAL DATA \*\*\*\*\*

PROPERTY	MEASUREMENT
Boiling Range	180-232° F. 82-111° C. @760 MM Hg

Vapor Density X Heavier X Lighter Than Air

Weight Per Gallon 7.2 Lbs.

Percent Volatile By Volume 80.4

Evaporation Rate Faster X Slower Than Ether

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